ALCN-117US



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No:

To Be Assigned

Applicant: Filed:

Jean-Yves FORTIN et al. concurrently herewith

Title:

IMPROVED ALUMINUM ALLOY-BORON CARBIDE COMPOSITE MATERIAL

T.C./A.U.: Examiner:

## **INFORMATION DISCLOSURE STATEMENT**

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of the references listed on the 1449 form, other than U.S. patents, is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

These references were cited by a foreign patent office in a counterpart foreign application. A copy of this English language search report, indicating the degree of relevance determined by the foreign patent office is submitted herewith. MPEP Section 609A(3), second paragraph.

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This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,

Jonathan H. Spadt Reg. No. 45,122

Attorney for Applicants

JHS:cbf/dhm

Enclosures: PTO Form 1449

(3) References

International Search Report

Dated: April 21, 2005

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(302) 778-2500

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April 21, 2005

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen Libby

10/532188

## JC Piec'd PCT/PTO 21 APR 2005

Substitute for Form 1449A/PTO	Complete if Known		
	Application Number	To Be Assigned	
INFORMATION DISCLOSURE	Filing Date	Concurrently Herewith	
STATEMENT BY APPLICANT (Use as many sheets as necessary)	First Named Inventor	Jean-Yves FORTIN et al.	
	Art Unit		
	Examiner Name		
SHEET 1 of 2	Attorney Docket No.	ALCN-117US	

			U.S. PATENT D	OCUMENTS	
Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*		Number - Kind Code <sup>2</sup> (if known)	(MM-DD-YYYY)	Applicant of Cited Document	Figures Appear
		US-4,786,467	11-22-1988	Skibo et al.	
		US-5,186,234	02-16-1993	Hammond et al.	
		US-5,965,829	10-12-1999	Haynes et al.	
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		FOREIGN PA	TENT DOCUMEN	TS		
		Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)	Publication Date (MM-DD-YYYY)	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
Examiner Initials*	Cite No.1			Applicant of Cited Document		
Examiner	1			Date		
Examiner Signature				Considered		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional).
<sup>2</sup>See Kind Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.
<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>&</sup>lt;sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



(AW 08/03)

Substitute for Form 1449B/PTO	Complete if Known	
	Application Number	To Be Assigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date	Concurrently Herewith
	First Named Inventor	Jean-Yves FORTIN et al.
(Use as many sheets as necessary)	Art Unit	
	Examiner Name	
SHEET 2 of 2	Attorney Docket No.	ALCN-117US

**NON-PATENT LITERATURE DOCUMENTS** 

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book,

magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or

country where published

	LUCAS, STEPHENS, GREULICH: "The Effect of Reinforcent Stability on Composition Redistribution in Cast Aluminium Metal Matrix Composites" MATERIALS SCIENCE AND ENGINEERING, no. A131, 1991, pages 221-230, XP002270490	
	KENNEDY, BRAMPTON: "The Reactive Wetting and Incorporation of B4C Particles into Molten Aluminium" SCRIPTA MATERIALIA, no. 44, 2001, pages 1077-1082, XP002270491 Uk See introduction and Experimental Procedure. page 1077-page 1078 table 1	
	CHERNYSHOVA, REBROV: "Interaction Kinetics of Boron Carbide and Silicon Carbide With Liquid Aluminium" JOURNÁL OF THE LESS COMMON METALS, no. 117, 1986, pages 203-207, XP002270492 Russia	
Examiner Signature	Date Considered	

<sup>1</sup>Applicant's unique citation designation number (optional).

Examiner

Initials\*

Cite

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